FIG. 1 (PRIOR ART)

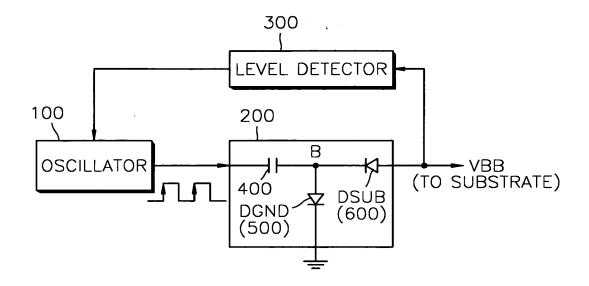


FIG. 2 (PRIOR ART)

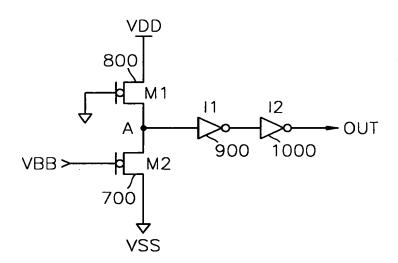
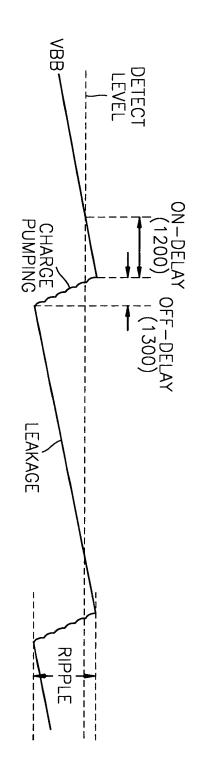


FIG. 3 (PRIOR ART)



Y.

10 **OSCILLATOR** NEGATIVE CHARGE PUMP#1 PRECHARGE -COMMAND OR SIGNAL _EVEL DETECTOR 30 20 VBB **-** VREF CHARGE PUMP#2 VREF-VNN GENERATOR (KICKER) 40 50 NN I

7 .

IG. 4

FIG. 5

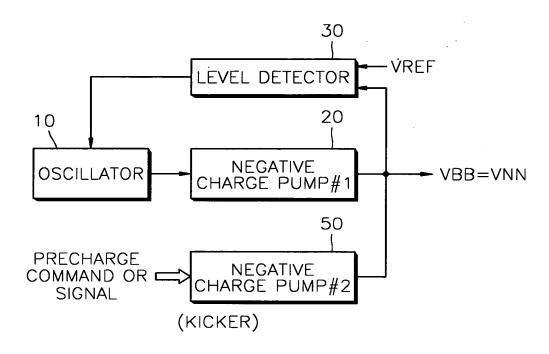


FIG. 6

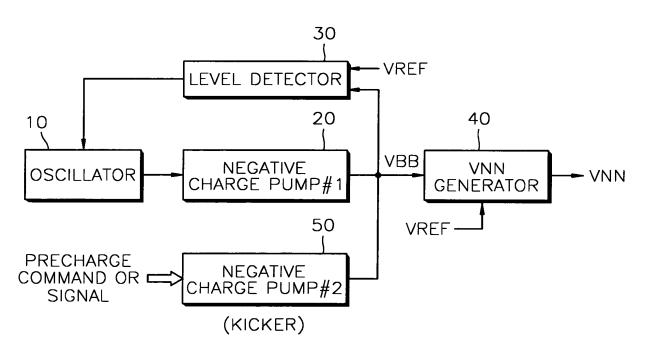


FIG. 7

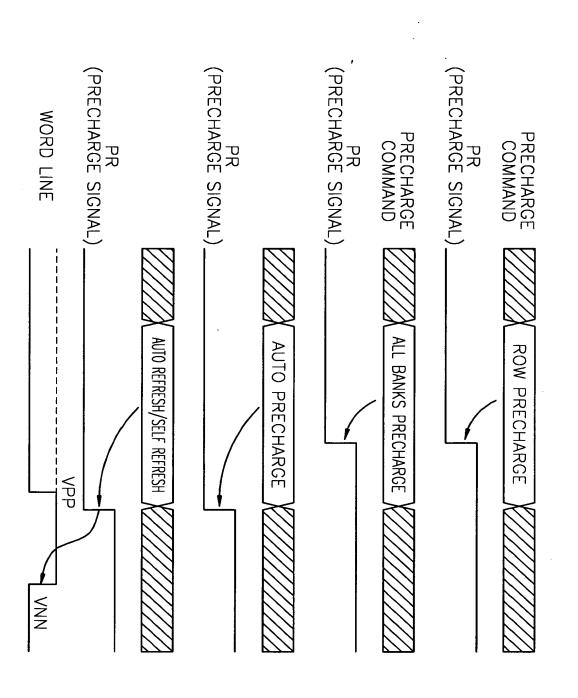


FIG. 8

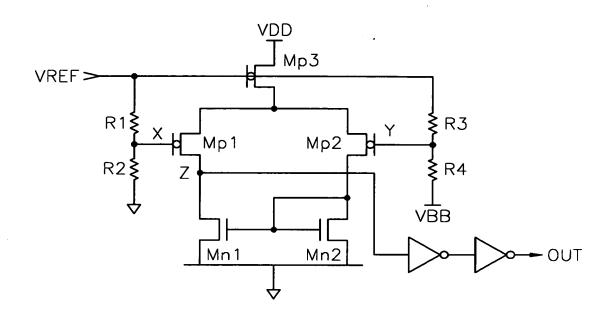


FIG. 9

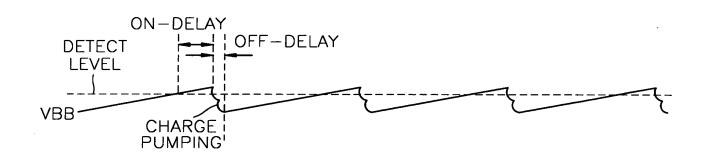


FIG. 10

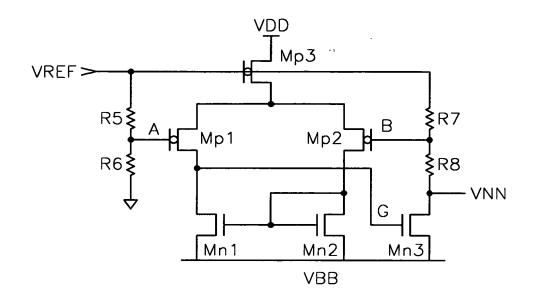


FIG. 11

